

Title (en)

BULK DIFFUSER FOR A PROJECTION SCREEN

Publication

EP 0248477 B1 19921125 (EN)

Application

EP 87200989 A 19870526

Priority

US 87100986 A 19860605

Abstract (en)

[origin: US4679900A] A bulk diffuser for rear projection television screens which exhibits a Gaussian intensity profile. By appropriately selecting the indices of refraction of the substrate and the spheres therein and the range of diameters of the spheres, the intensity half-angle is made equal to the energy half-angle.

IPC 1-7

G03B 21/62

IPC 8 full level

G02B 5/02 (2006.01); **G03B 21/62** (2006.01); **H04N 5/74** (2006.01)

CPC (source: EP KR US)

G03B 21/62 (2013.01 - KR); **G03B 21/625** (2013.01 - EP US)

Citation (examination)

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Designated contracting state (EPC)

DE FR GB IT SE

DOCDB simple family (publication)

US 4679900 A 19870714; AU 586779 B2 19890720; AU 7381287 A 19871210; CA 1291658 C 19911105; CN 87103960 A 19880127; DE 3782765 D1 19930107; DE 3782765 T2 19930603; DK 281387 A 19871206; DK 281387 D0 19870602; EP 0248477 A2 19871209; EP 0248477 A3 19890719; EP 0248477 B1 19921125; JP H07104553 B2 19951113; JP S62293234 A 19871219; KR 880000813 A 19880329; KR 960009877 B1 19960724

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US 87100986 A 19860605; AU 7381287 A 19870604; CA 538894 A 19870604; CN 87103960 A 19870602; DE 3782765 T 19870526; DK 281387 A 19870602; EP 87200989 A 19870526; JP 13782487 A 19870602; KR 870005560 A 19870602